

Name: _____

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Algebra 1B – **ORANGE**

LAP 1:

Ch. 1 – Foundations of Algebra

REVISED

Materials needed:

- Textbook: *Pearson: Algebra 1 Common Core*
- Binder for in-class notes
- Loose leaf for practice work/homework
- TI-84 graphing calculator

Essential Questions:

How can you express relationships using numeric and algebraic expressions?

How can you use numeric and algebraic properties to simplify expressions?

Overview:

Chapter 1 introduces students to variables and expressions and explores real-number operations. Student will begin to transition from arithmetic to algebra. In this transition, attention shifts from arithmetic operations to the use of the properties of these operations when simplifying expressions.

Rationale:

The skills reviewed and explored in this LAP are the basic building blocks for simplifying expressions and solving equations. Identifying and correcting misuse of essential properties early in the year is critical for success in future LAPs.

Learning Goals: Upon completion of this LAP, students will be able

- To write algebraic expressions from words and a table
- To use properties of real numbers to simplify real numbers and algebraic expressions
- To identify types of real numbers

SUMMATIVE LAP 1 Test: (in class) **THURSDAY 9/12 K-day**

Calculator will be allowed. Format of assessment will consist mostly of free response.

Open Lab Expectations:

1. Receive assistance with questions over assignments/concepts.
2. Receive assistance with learning the TI-84 calculator.

Late Assignments from Lap 1:

All are due by the last class day on Lap 2. Failure to turn in late or missing work by the last class day on Lap 2 will result in a zero for that particular assignment – no exceptions.

Calendar of Events:

Day/Date	Lesson Specifics	
<p>J 8/28</p>	<p>1. Due at class time – Completed MathXL Tutorial Assignment</p> <p>2. Lesson Details - 1.1 Variable Expressions</p> <p>3. Assignment for next class – Wksht: Sect. 1-1</p>	<p>1</p>
<p>K 8/29 (Wed)</p>	<p>1. Due at class time – Completed Wksht: Sect. 1-1 (Need calculators by this day!)</p> <p>2. Lesson Details - 1.2 Order of Operations and Evaluating Expressions</p> <p>3. Assignment for next class – Wksht: Sect. 1-2 (problems 1 – 6) & Prepare for QUIZ over Sect. 1.1 & 1.2</p>	<p>2</p>
<p>A 8/30</p>	<p>1. Due at class time – Completed Wksht: Sect. 1-2 (problems 1 - 6)</p> <p>2. Lesson Details - 1.2 Order of Operations/Evaluating Expressions & Learning to use Calculator</p> <p>3. Assignment for next class – Wksht: Sect. 1-2 (complete) & Prepare for QUIZ over Sect. 1.1 & 1.2</p>	<p>3</p>
<p>B 8/31</p>	<p>1. Due at class time – Completed Wksht: Sect. 1-2</p> <p>2. Lesson Details - ACTIVITY & QUIZ over Sect. 1.1 & 1.2</p> <p>3. Assignment for next class – OPTIONAL ENRICHMENT</p>	<p>4</p>
<p>C 9/4</p>	<p>1. Due at class time – Completed OPTIONAL ENRICHMENT</p> <p>2. Lesson Details – 1.7 The Distributive Property</p> <p>3. Assignment for next class - (p. 49 – 51) 1, 4, 6, 9, 11, 21 –25, 27, 29, 31, 33, 35, 37, 39, 53 – 62 69, 70</p>	<p>5</p>
<p>D 9/5 (Wed)</p>	<p>1. Due at class time – Completed (p. 49 – 51) 1, 4, 6, 9, 11, 21 –25, 27, 29, 31, 33, 35, 37, 39, 53 – 62 69, 70</p> <p>2. Lesson Details – More - 1.7 The Distributive Property (Algebra Connect)</p> <p>3. Assignment for next class – MathXL – Sect. 1.7</p>	<p>6</p>
<p>E 9/6</p>	<p>1. Due at class time – Completed MathXL – Sect. 1.7</p> <p>2. Lesson Details – 1.3 Real Numbers and the Number Line</p> <p>3. Assignment for next class – MathXL – Sect. 1.3</p>	<p>7</p>
<p>G 9/10</p>	<p>1. Due at class time –Completed MathXL – Sect. 1.3</p> <p>2. Learning Goals – Review Activities for Chapter 1 Test</p> <p>3. Assignment for next class - Review & Study for Ch. 1 Test. Complete review worksheet given in class. You show Ms. Hampton this is complete during next class session.</p>	<p>8</p>

J 9/12 (Wed)	<ol style="list-style-type: none">1. Due at class time –Completed MathXL – Sect. 1.32. Learning Goals – Review Activities for Chapter 1 Test3. Assignment for next class - Review & Study for Ch. 1 Test. An OPTIONAL review assignment will be placed on MathXL.	9
SUMMATIVE LAP 1 TEST in class 9/13		